

## LIST OF FIGURES

Figure 2.1. 90-mile test road located in central North Carolina. ....	3
Figure 3.1. Fatigue cracking results for I-40, Wade Avenue, and I-440 sections; (a) none rating, (b) light rating, (c) moderate rating, and (d) severe rating.....	15
Figure 3.2. Fatigue cracking composite index for I-40, Wade Avenue, and I-440 sections.....	16
Figure 3.3. Fatigue cracking results for US-70 sections; (a) none rating, (b) light rating, (c) moderate rating, and (d) severe rating. ....	16
Figure 3.4. Fatigue cracking composite index for US-70 sections.....	17
Figure 3.5. Fatigue cracking results for I-540 sections; (a) none rating, (b) light rating, (c) moderate rating, and (d) severe rating. ....	17
Figure 3.6. Fatigue cracking composite index for I-540 sections.....	18
Figure 3.7. Fatigue cracking results for US-1 sections; (a) none rating, (b) light rating, (c) moderate rating, and (d) severe rating. ....	18
Figure 3.8. Fatigue cracking composite index for US-1 sections.....	19
Figure 3.9. Fatigue cracking results for NC-98 (1) sections; (a) none rating, (b) light rating, (c) moderate rating, and (d) severe rating. ....	19
Figure 3.10. Fatigue cracking composite index for NC-98 (1) sections.....	20
Figure 3.11. Fatigue cracking results for NC-98 (2) sections; (a) none rating, (b) light rating, (c) moderate rating, and (d) severe rating. ....	20
Figure 3.12. Fatigue cracking composite index for NC-98 (2) sections.....	21
Figure 3.13. Fatigue cracking results for NC-39 sections; (a) none rating, (b) light rating, (c) moderate rating, and (d) severe rating. ....	21
Figure 3.14. Fatigue cracking composite index for NC-39 sections.....	22
Figure 3.15. Fatigue cracking results for US-64 sections; (a) none rating, (b) light rating, (c) moderate rating, and (d) severe rating. ....	22
Figure 3.16. Fatigue cracking composite index for US-64 sections.....	23
Figure 3.17. Transverse cracking rating for I-40, Wade Avenue, and I-440 sections.....	27
Figure 3.18. Transverse cracking rating for US-70 sections. ....	27
Figure 3.19. Transverse cracking rating for I-540 sections. ....	28
Figure 3.20. Transverse cracking rating for US-1 sections. ....	28
Figure 3.21. Transverse cracking rating for NC-98 (1) sections. ....	29
Figure 3.22. Transverse cracking rating for NC-98 (2) sections. ....	29
Figure 3.23. Transverse cracking rating for NC-39 sections. ....	30
Figure 3.24. Transverse cracking rating for US-64 sections. ....	30
Figure 3.25. Rutting rating for I-40, Wade Avenue, and I-440 sections. ....	32
Figure 3.26. Rutting rating for US-70 sections. ....	32
Figure 3.27. Rutting rating for I-540 sections. ....	33
Figure 3.28. Rutting rating for US-1 sections. ....	33
Figure 3.29. Rutting rating for NC-98 (1) sections. ....	34
Figure 3.30. Rutting rating for NC-98 (2) sections. ....	34
Figure 3.31. Rutting rating for NC-39 sections. ....	35
Figure 3.32. Rutting rating for US-64 sections. ....	35
Figure 3.33. Ride quality rating for I-40, Wade Avenue, and I-440 sections. ....	37
Figure 3.34. Ride quality rating for US-70 sections. ....	38
Figure 3.35. Ride quality rating for I-540 sections. ....	38